



Equipment-Safe High Efficiency Cabinet Type FM200 Fire Extinguisher

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: xinlin
- Certification: UL,FM,CMA,CNAS
- Model Number: GQQ90/2.5-XL
- Minimum Order Quantity: 1
- Price: negotiation
- Packaging Details: Plywood outer box with bubble bag or paper
- Delivery Time: 10-15 working days after payment or receipt of L/C
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,MoneyGram
- Supply Ability: 50000 sets per week



Product Specification

- Fire Extinguishing Agent: FM200/HFC-227ea
- Volume Of Cylinder: 40L, 70L, 90L, 100L, 120L, 150L, 180L
- Filling Density: $\leq 1120 \text{ Kg/m}^3$
- Storage Pressure: 2.5Mpa +20
- Feature: Easy Installation, Flexible
- Packing: Carton Box
- Spraying Time: Computer Room 8s others ≤ 10 s
- Cabinet Door: Single Or Double Door
- Highlight: **FM200 cabinet fire extinguisher, equipment-safe FM200 extinguisher, high efficiency cabinet fire system**



Product Description

Equipment-Safe High Efficiency Cabinet Type FM200 Fire Extinguisher

Products Description

HFC-227ea is a kind of colorless, tasteless, non-conducting gas fire extinguishing agent at normal temperature, which can be liquefied and stored at low pressure. Its density is about 6 times that of air. Its molecular formula is $\text{CF}_3\text{CHFCF}_3$, its brand name is HFC-227EA, and it is called FM-200 abroad. When the extinguishing agent is sprayed into the protected area, the extinguishing agent will decompose and produce active free radicals when it touches the flame or high temperature surface. The free radicals will capture the active substances generated in the combustion chain reaction, destroy the chain transmission in the combustion process, and finally achieve the purpose of fire extinguishing. This method belongs to chemical fire extinguishing, with little physical effects such as cooling, dilution or isolating the air. Because of its high fire extinguishing efficiency, no pollution to equipment, no damage to the atmospheric ozone layer and other advantages, it is currently the first choice to replace the alkyl halide fire extinguishing agent.

SPEC:

System working pressure	2.5MPa(20°C)
Maximum working pressure of the system	4.2MPa(50°C)
Maximum filling density of fire extinguishing agent	1120kg/m ³
Fire extinguishing agent spraying time	≤10s
working voltage	DC24v
Starting current	≤1.5A
Working temperature range	0°C-50°C

Product Advantages:

FM-200™ is a clean agent that is safe around people; therefore, FM-200™ fire suppression systems are safe to install in occupied spaces.

When an FM-200™ fire suppression system activates to put out a fire, no residue is left behind, and it is safe for equipment, electronics, and machinery.

Compared to other clean agents like 3M™ Novec™ 1230 Fire Protection Fluid, FM-200™ is a slightly more cost-effective option.

Because of the small amount of FM-200™ required to suppress a fire, smaller or fewer cylinders are needed when compared to other agents like 3M Novec 1230 fluid.

Maintenance:

Recharge After Discharge: If the FM-200 system is activated and the agent is discharged, it's essential to recharge the system with the correct amount of FM-200 as soon as possible. This ensures that the facility remains protected against any subsequent fire threats.

Updates to System Design: Over time, the layout or usage of a facility might change. If there are significant changes, such as the addition of partitions or the introduction of new equipment, the FM-200 system design might need to be updated to ensure continued effectiveness.

Compliance with Regulations: Fire suppression systems, including FM-200, are subject to local, national, and sometimes international regulations. Regular audits or inspections might be required to ensure compliance. Staying updated with these regulations and ensuring the system adheres to them is a critical aspect of maintenance.

Component Lifespan: While FM-200 systems are designed for longevity, individual components have their own lifespan. For instance, detectors might need replacement after a certain number of years, or the FM-200 agent itself might need to be replaced after a specific duration, even if not discharged. Being aware of and proactive about these lifespans ensures the system remains in peak condition.

Company profile

Guangzhou Xinlin Firefighting Equipment Co., Ltd. is located in Guangzhou, a vital city connecting China to the world, characterized by its convenient transportation and picturesque environment. We are a manufacturing company with a professional and seasoned team of employees, consisting of solution design experts, technical installation specialists, quality inspection professionals, and after-sales service teams, dedicated to the research and development of HFC-227ea (FM200), IG541, IG100, and Novec 1230 products.

Currently, we offer a range of commonly used fire suppression systems, including FM200 fire suppression systems, cabinet-style FM200 fire suppression systems, fully automatic fire extinguisher (hanging), portable fire extinguisher, IG541 fire suppression systems, IG100 fire suppression systems, fire detection tube fire suppression systems, as well as automatic fire extinguishing pipelines.

With high quality products, perfect service and good reputation, the company has won wide praise from customers at home and abroad.



Why choose us

- Efficient management system
- More than 10 years of experience in gas fire fighting industry
- Advanced equipment and professional engineers
- We provide 8x6 hr technical support and after-sales service

Frequently Asked Questions

Q1: Are you a manufacturer or a trading company?

A1: We are a professional manufacturer specializing in gas fire suppression systems.

Q2: Do you offer OEM products?

A2: Yes, we welcome your own designs and drawings.

Q3: Where is your factory located?

A3: Our factory is situated in the East Lake Industrial Park of XinTang Town, Zengcheng District, Guangzhou City, Guangdong Province, China.

Q4: How can I get to your factory?

A4: Due to convenient transportation, you can reach us by taxi or by subway. If taking the subway, please take Line 13 to Shacun Station. Before disembarking, kindly inform us in advance, and we will arrange for a comfortable business van to pick you up from there.



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